

Converting Colors

CIELCh(56, 84.420, 30.562)

Have a look what the booklet for
CIELCh(56, 84.420, 30.562) contains.

CIELCh(56, 84.268, 30.489)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(56, 84.268, 30.489)

Conversions

Conversions Part 1

Format	Color
Hex	FD3741
RGB	253, 55, 65
RGB Percent	99%, 22%, 25%
CMY	0.0089, 0.7855, 0.7459
CMYK	0.00, 0.78, 0.74, 0.01
HSL	357°, 98%, 60%
HSV	357°, 78%, 99%
XYZ	42.7062, 23.9124, 7.3361
YIQ	115.3420, 114.7980, 45.0860

Conversions

Conversions Part 2

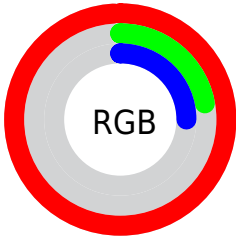
Format	Color
RYB	253, 55, 65
Decimal	16594753
CIELab	56.00, 72.62, 42.76
CIELCh	56, 84.268, 30.489
Yxy	23.9124, 0.5775, 0.3233
Android (android.graphics.Color)	4294784833 (0xFFFD3741)
YUV	115.3420, -24.8186, 120.7261
Hunter-Lab	48.9003, 70.3143, 25.3355

Details

The CIELCh color **56, 84.268, 30.489** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **90, 48.888, 190.170**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 58.658, 29.015**, and **39, 78.353, 35.285** is the 20% darker color. If you saturate the color by 10%, you get **54, 93.854, 34.620**, and if you desaturate by 10%, it is **59, 73.459, 26.733**.

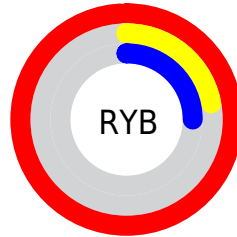
Distribution



Red (99%)

Green (22%)

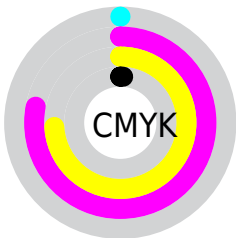
Blue (25%)



Red (99%)

Yellow (22%)

Blue (25%)

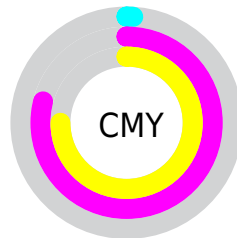


Cyan (0%)

Magenta (78%)

Yellow (74%)

Black (1%)



Cyan (1%)

Magenta (79%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 84.268, 30.489 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 56, 84.268, 30.489 by changing the saturation by 10% instead.

 56, 84.268, 30.489

 56, 84.268, 30.489

 100, 84.268,
30.489

 46, 84.268, 30.489

 76, 84.268, 30.489

 36, 84.268, 30.489

 86, 84.268, 30.489

 26, 84.268, 30.489

 96, 84.268, 30.489

 16, 84.268, 30.489

 6, 84.268, 30.489

 0, 84.268, 30.489

 56, 84.268, 30.489

 56, 84.268, 30.489

 54, 93.854, 34.620

 59, 73.459, 26.733

 53, 101.032,

 63, 62.015, 23.639

38.199

69, 50.366, 21.201

53, 101.908,
38.592

74, 38.883, 19.307

80, 27.840, 17.833

87, 17.403, 16.671

94, 7.638, 15.711

100, 0.792,
200.191

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



56, 84.268, 30.489



90, 48.888, 190.170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56, 84.268, 30.489



56, 84.268, 80.489



56, 84.268, 210.489



56, 84.268, 260.489

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



56, 84.265, 30.491



84, 23.386, 17.296



60, 106.740, 325.735



42, 16.265, 17.733



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56, 84.265, 30.491



54, 99.015, 36.825



69, 71.541, 59.185



49, 5.259, 15.817



40, 82.082, 38.068



10, 32.956, 25.128

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56, 84.265, 30.491



54, 99.015, 36.825



66, 51.435, 267.336



49, 5.259, 15.817



40, 82.082, 38.068



10, 32.956, 25.128

Previews

White Background



This preview shows how the CIELCh color 56, 84.268, 30.489 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 56, 84.268, 30.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 56, 84.268, 30.489

Background



This preview shows how black text looks on a background with the CIELCh color 56, 84.268, 30.489.



This preview shows how white text looks on a background with the CIELCh color 56, 84.268, 30.489.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

56, 84.268, 30.489

Protanopia

56, 24.902, 94.903

Deuteranopia

56, 46.365, 80.837



Tritanopia
56, 85.740, 33.139

Trichromacy



Original Color
56, 84.268, 30.489

Protanomaly
53, 40.287, 42.770

Deuteranomaly
54, 55.088, 49.569

Tritanomaly
56, 84.967, 32.208

Monochromacy



Original Color
56, 84.268, 30.489

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 31.625, 19.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 84.268, 30.489 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 55, 65)` looks like.

```
.text, #text, p{  
    color:rgb(253, 55, 65)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 55, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 55, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 84.268, 30.489 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 55, 65) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(253, 55, 65) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(253, 55, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 55, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 55, 65);  
box-shadow:4px 4px 4px 4px rgb(253, 55,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 56, 84.268, 30.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 55, 65) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253, 55,  
65) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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